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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Claudia WOOD et al.

SERIAL NO.: NEW U.S. PCT APPLICATION

FILED: HERewith

INTERNATIONAL APPLICATION NO.: PCT/EP03/02577

INTERNATIONAL FILING DATE: March 13, 2003

FOR: CATIONIC POLYMERS AND USE THEREOF IN COSMETIC FORMULATIONS

REQUEST FOR CONSIDERATION OF DOCUMENTS
CITED IN INTERNATIONAL SEARCH REPORT

Commissioner for Patents
Alexandria, Virginia 22313

Sir:

In the matter of the above-identified application for patent, notice is hereby given that applicant(s) request that the Examiner consider the documents cited in the International Search Report according to MPEP §609 and so indicate by a statement in the first Office Action that the information has been considered. When the Form PCT/DO/EO/903 indicates both the search report and copies of the documents are present in the national stage file, there is no requirement for the applicant(s) to submit them (1156 O.G. 91 November 23, 1993).

Respectfully submitted,

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM/ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 048 301 A (PAPANTONIOU CHRISTOS) 13 September 1977 (1977-09-13) cited in the application claims 1,4; examples	1-32
Y	US 4 380 600 A (HOSODA YOSHIKAZU ET AL) 19 April 1983 (1983-04-19) cited in the application claims; examples	1-32
Y	WO 00 49998 A (LEINENBACH ALFRED ; BASF AG (DE); HOESSEL PETER (DE); SANNER AXEL ()) 31 August 2000 (2000-08-31) claims; examples	1-32

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

27 June 2003

Date of mailing of the international search report

17/07/2003

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INTERNATIONAL SEARCH REPORT

Internat Application No

PCT/EP 02/02577

C.(Continuation) DOCUMENTS CONSIDERED RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 123 942 A (NIPPON CATALYTIC CHEM IND) 16 August 2001 (2001-08-16) cited in the application examples 7,8	24-26
Y	US 4 240 450 A (DUBIEF CLAUDE ET AL) 23 December 1980 (1980-12-23) the whole document	1-32
Y	DE 199 07 587 A (BASF AG) 24 August 2000 (2000-08-24) claims; examples	1-32
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16, 8 May 2001 (2001-05-08) & JP 2001 019830 A (MITSUBISHI PLASTICS IND LTD), 23 January 2001 (2001-01-23) abstract	24-27
X	PATENT ABSTRACTS OF JAPAN vol. 012, no. 297 (C-519), 12 August 1988 (1988-08-12) & JP 63 063739 A (MITSUBISHI RAYON CO LTD), 22 March 1988 (1988-03-22) abstract	24-27
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 181354 A (LION CORP), 3 July 2001 (2001-07-03) abstract	1-32
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 522 (P-1808), 30 September 1994 (1994-09-30) & JP 06 180859 A (MITSUBISHI RAYON CO LTD), 28 June 1994 (1994-06-28) abstract	24-27

INTERNATIONAL SEARCH REPORT

 Internal Application No
 PCT/EP 03/02577

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4240450 A		GB 1603322 A	25-11-1981
		GB 1603323 A	25-11-1981
		GB 1603324 A	25-11-1981
		IT 1111439 B	13-01-1986
		JP 1401540 C	28-09-1987
		JP 53139734 A	06-12-1978
		JP 62007164 B	16-02-1987
		NL 7802748 A ,B,	19-09-1978
		NL 8902717 A ,B,	01-03-1990
		NL 8902718 A ,B,	01-03-1990
		SE 462612 B	30-07-1990
		SE 7802899 A	16-09-1978
		SE 500985 C2	10-10-1994
		SE 8306193 A	10-11-1983
		US 4803221 A	07-02-1989
		US 5009880 A	23-04-1991
		US 4445521 A	01-05-1984
		US 4719099 A	12-01-1988
DE 19907587 A	24-08-2000	DE 19907587 A1	24-08-2000
		AT 222746 T	15-09-2002
		CA 2363079 A1	31-08-2000
		DE 50000418 D1	02-10-2002
		DK 1154751 T3	14-10-2002
		WO 0049998 A1	31-08-2000
		EP 1154751 A1	21-11-2001
		ES 2182784 T3	16-03-2003
		JP 2002537315 A	05-11-2002
		PT 1154751 T	31-01-2003
JP 2001019830 A	23-01-2001	NONE	
JP 63063739 0 A		NONE	
JP 2001181354 A	03-07-2001	NONE	
JP 06180859 4 A		NONE	

INTERNATIONAL SEARCH REPORT

Internat Application No
PCT/EP 02/02577

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4048301	A	13-09-1977	LU 72593 A1 10-02-1977
			AT 353974 B 10-12-1979
			AT 385276 A 15-05-1979
			AU 499379 B2 12-04-1979
			AU 1430576 A 01-12-1977
			BE 842260 A1 26-11-1976
			CA 1083046 A1 05-08-1980
			CH 602106 A5 31-07-1978
			DE 2623691 A1 09-12-1976
			FR 2312232 A1 24-12-1976
			GB 1511127 A 17-05-1978
			IT 1069675 B 25-03-1985
			JP 1423727 C 15-02-1988
			JP 51144741 A 13-12-1976
			JP 62028762 B 23-06-1987
			NL 7605560 A 30-11-1976
US 4380600	A	19-04-1983	JP 1439559 C 19-05-1988
			JP 55000721 A 07-01-1980
			JP 62005170 B 03-02-1987
			DE 2924663 A1 20-12-1979
			FR 2429225 A1 18-01-1980
WO 0049998	A	31-08-2000	DE 19907587 A1 24-08-2000
			AT 222746 T 15-09-2002
			CA 2363079 A1 31-08-2000
			DE 50000418 D1 02-10-2002
			DK 1154751 T3 14-10-2002
			WO 0049998 A1 31-08-2000
			EP 1154751 A1 21-11-2001
			ES 2182784 T3 16-03-2003
			JP 2002537315 A 05-11-2002
			PT 1154751 T 31-01-2003
EP 1123942	A	16-08-2001	EP 1123942 A2 16-08-2001
			JP 2001294616 A 23-10-2001
			US 2001014722 A1 16-08-2001
US 4240450	A	23-12-1980	LU 76955 A1 18-10-1978
			AT 390186 B 26-03-1990
			AT 181878 A 15-10-1983
			AT 341481 A ,B 15-07-1993
			BE 864863 A1 14-09-1978
			CA 1138337 A1 28-12-1982
			CA 1138338 A2 28-12-1982
			CA 1138339 A2 28-12-1982
			CH 637823 A5 31-08-1983
			CH 648480 A5 29-03-1985
			DE 2811010 A1 28-09-1978
			DE 2858306 C2 24-05-1989
			DE 2858307 C2 24-05-1989
			DE 2858308 C2 24-05-1989
			DK 113978 A 16-09-1978
			ES 467825 A1 16-09-1979
			ES 475663 A1 16-05-1979
			ES 475664 A1 16-05-1979
			FR 2383660 A1 13-10-1978
			GB 1603321 A 25-11-1981